



Amino Acid Sequence of the C2B8 Heavy Chain

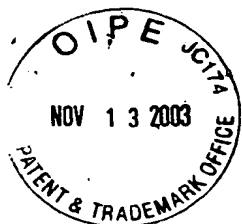
MGWSLILLFLVAVATRVLSQVQLQQPGAELVKPGASVKMSCKASGYTFTSYNM
HWVKQTPGRGLEWIGAIYPGNGDTSYNQKFKGKATLTADKSSSTAYMQLSSLTS
EDSAVYYCARSTYYGGDWYFNVWGAGTTVTVSAASTKGPSVFPLAPSSKSTSG
GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSS
LGTQTYICNVNHKPSNTKVDKKAEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKP
KDTLMISR TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTY
RVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPS
RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSK
LTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK*

Fig. 1A

Amino Acid Sequence of the C2B8 Domain Deleted Heavy Chain

MGWSLILLFLVAVATRVLSQVQLQQPGAELVKPGASVKMSCKASGYTFTSYNM
HWVKQTPGRGLEWIGAIYPGNGDTSYNQKFKGKATLTADKSSSTAYMQLSSLTS
EDSAVYYCARSTYYGGDWYFNVWGAGTTVTVSAASTKGPSVFPLAPSSKSTSG
GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSS
LGTQTYICNVNHKPSNTKVDKKEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDE
LTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTV
DKSRWQQGNVFCFSVMHEALHNHYTQKSI SLSPGK*

Fig. 1B



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PILLSBURY WINTHROP LLP
MCLEAN, VIRGINIA

Nucleotide Sequence of the C2B8 Heavy Chain

ATGGGTTGGAGCCTCATCTTGCTCTTCTTGTCGCTGTTGCTACGCGTGTCTGTCCC
AGGTACAACCTGCAGCAGCCTGGGGCTGAGCTGGTGAAGCCTGGGGCCTCAGTGAAG
ATGTCCTGCAAGGCTTCTGGCTACACATTTACCAGTTACAATATGCACTGGGTAAAA
CAGACACCTGGTTCGGGGCCTGGAATGGATTGGAGCTATTTATCCCGGAAATGGTGAT
ACTTCCTACAATCAGAAAGTTCAAAGGCAAGGCCACATTGACTGCAGACAAATCCTCC
AGCACAGCCTACATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCGGTCTATTAC
TGTGCAAGATCGACTTACTACGGCGGTGACTGGTACTTCAATGTCTGGGGCGCAGGG
ACCACGGTCACCGTCTCTGCAGCTAGCACCAAGGGCCCCATCGGTCTTCCCCCTGGCA
CCCTCCTCCAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGAC
TACTTCCCCGAACCGGTGACGGTGTCTGTGGAACCTCAGGCGCCCTGACCAGCGGCGTG
CACACCTTCCCGGCTGTCTACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGA
CCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGC
CCAGCAACACCAAGGTGGACAAGAAAGCAGAGCCCAAATCTTGTGACAAAACCTCAC
ACATGCCCCACCGTGCCCAGCACCTGAACTCTGGGGGGACCGTCAGTCTTCTCTTCC
CCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGG
TGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTCAACTGGTACGTGGACGGC
GTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTA
CCGTGTGGTCAGCGTCTCACCCTCTGCACCAAGGACTGGCTGAATGGCAAGGAGTA
CAAGTGCAAGGTCTCCAACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCCAA
AGCCAAAGGGCAGCCCCGAGAACCAACAGGTGTACACCCTGCCCCCATCCCGGGATG
AGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCG
ACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACCTACAAGACCACG
CCTCCCGTGTCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACA
AGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGTCTCCGTGATGCATGAGGCTCTGC
ACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig. 2A

Nucleotide Sequence of the C2B8 Domain Deleted Heavy Chain

ATGGGTTGGAGCCTCATCTTGCTCTTCTTGTCGCTGTTGCTACGCGTGTCTGTCCC
AGGTACAACCTGCAGCAGCCTGGGGCTGAGCTGGTGAAGCCTGGGGCCTCAGTGAAG
ATGTCCTGCAAGGCTTCTGGCTACACATTTACCAGTTACAATATGCACTGGGTAAAA
CAGACACCTGGTTCGGGGCCTGGAATGGATTGGAGCTATTTATCCCGGAAATGGTGAT
ACTTCCTACAATCAGAAAGTTCAAAGGCAAGGCCACATTGACTGCAGACAAATCCTCC
AGCACAGCCTACATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCGGTCTATTAC
TGTGCAAGATCGACTTACTACGGCGGTGACTGGTACTTCAATGTCTGGGGCGCAGGG
ACCACGGTCACCGTCTCTGCAGCTAGCACCAAGGGCCCCATCGGTCTTCCCCCTGGCA
CCCTCCTCCAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGAC
TACTTCCCCGAACCGGTGACGGTGTCTGTGGAACCTCAGGCGCCCTGACCAGCGGCGTG
CACACCTTCCCGGCTGTCTACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGA
CCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGC
CCAGCAACACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACCTCAC
ACATGCCCCACCGTGCCCAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCA
TCCCGGGATGAGCTGACCAAGAACCAGGTGACGCTGACCTGCCTGGTCAAAGGCTTC
TATCCCGGATGAGCTGACCAAGAACCAGGTGAGCAATGGGCAGCCGGAGAACAACCTA
CAAGACCACGCTCCCGTGTCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTC
ACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGTCTCCGTGATGCAT
GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig. 2B



Nucleotide Sequence of the C2B8 Light Chain

ATGGATTTTCAGGTGCAGATTATCAGCTTCCTGCTAATCAGTGCTTCAGTCAT
AATGTCCAGAGGACAAATTGTTCTCTCCCAGTCTCCAGCAATCCTGTCTGCAT
CTCCAGGGGAGAAAGGTCACAATGACTTGCAAGGGCCAGCTCAAGTGTAAGTTA
CATCCACTGGTTCAGCAGAAGCCAGGATCCTCCCCCAAACCCTGGATTTAT
GCCACATCCAACCTGGCTTCTGGAGTCCCTGTTTCGCTTCAGTGGCAGTGGGTC
TGGGACTTCTTACTCTCTCACAATCAGCAGAGTGGAGGCTGAAGATGCTGCC
ACTTATTACTGCCAGCAGTGGACTAGTAACCCACCCACGTTCCGAGGGGGGA
CCAAGCTGGAAATCAAACGTACGGTGGCTGCACCATCTGTCTTCATCTTCCCG
CCATCTGATGAGCAGTTGAAATCTGGAAGTGCCTCTGTTGTGTGCCTGCTGAA
TAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAAGGTGGATAACGCCCTC
CAATCGGGTAACTCCCAGGAGAGTGTACAGAGCAGGACAGCAAGGACAGC
ACCTACAGCCTCAGCAGCACCTGACGCTGAGCAAAGCAGACTACGAGAAA
CACAAAGTCTACGCCTGCGAAGTCACCCATCAGGGCCTGAGCTCGCCCGTCA
CAAAGAGCTTCAACAGGGGAGAGTGTGTA

Fig. 3A

Amino Acid Sequence of the C2B8 Light Chain

MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHW
QQKPGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQW
TSNPPTFGGGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQ
WKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQG
LSSPVTKSFNRGEC*

Fig. 3B



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MCLEAN, VIRGINIA

Amino Acid Sequence of the HuCC49 Domain Deleted Heavy Chain

MGWSLILLFLVAVATRVLSQVQLVQSGAEVVKPGASVKISCKASGYTFTDHAIH
WVKQNPGRLEWIGYFSPGNDDFKYNERFKGKATLTADTSASTAYVELSSLRSE
DTAVYFCTRSLNMAYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSTLGTQTYIC
NVNHNKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQ
QGNVFSCSVMHEALHNHYTQKSLSLSPGK*

Fig. 4A

Nucleotide Sequence of the HuCC49 Domain Deleted Heavy Chain

ATGGGTTGGAGCCTCATCTTGCTCTTCCTTGTCGCTGTTGCTACGCGTGTCTG
TCCCAGGTCCAGCTGGTGCAGTCCGGCGCTGAGGTGGTGAAACCTGGGGCTT
CCGTGAAGATTTCTGCAAGGCAAGCGGCTACACCTTCACTGATCACGCAAT
CCACTGGGTGAAACAGAATCCTGGACAGCGCCTGGAGTGGATTGGATATTTT
TCTCCCGGAAACGATGATTTTAAGTACAATGAGAGGTTCAAGGGCAAGGCCA
CACTGACTGCAGACACATCTGCCAGCACTGCCTACGTGGAGCTCTCCAGCCT
GAGATCCGAGGATACTGCAGTGTACTTCTGCACAAGATCCCTGAATATGGCC
TACTGGGGACAGGGAACCCCTGGTCAACCGTCTCCAGCGCTAGCACCAAGGGCC
CATCGGTCTTCCCCCTGGCACCCCTCCCTCCAAGAGCACCTCTGGGGGACAGC
GGCCCTGGGCTGCCTGGTCAAGGACTACTTCCCCGAACCGGTGACGGTGTCTG
TGGAACCTCAGGCGCCCTGACCAGCGGCGTGCACACCTTCCCGGCTGTCTAC
AGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCCTCCAGCAG
CTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAACACC
AAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACCTCACACATGCC
CACCGTGCCAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATC
CCGGGATGAGCTGACCAAGAACCAGGTGAGCCTGACCTGCCTGGTCAAAGGC
TTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGA
ACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCTC
TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCT
CATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCT
CTCCCTGTCTCCGGGTAATGA

Fig. 4B



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Amino Acid Sequence of the HuCC49 Light Chain

MDSQAQVLMLLLLWVSGTCGDIVMSQSPDSLAVSLGERVTNLCKSSQSLLYSGN
QKNYLA WYQQKPGQSPKLLIYWASARESGVPDRFSGSGSGTDFTLTISVQAED
VAVYYCQQYYSYPLTFGAGTKLELKRITVAAPSVFIFPPSDEQLKSGTASVVCLLN
NFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSYSTLSSTLTLSKADYEKHK
VYACEVTHQGLSSPVTKSFNRGEC*

Fig. 5A

Nucleotide Sequence of the HuCC49 Light Chain

ATGGATAGCCAGGCCCCAGGTGCTCATGCTCCTGCTGCTGTGGGTGAGCGGCA
CATGCGGCGACATCGTGATGAGCCAGTCTCCAGACTCCCTGGCCGTGTCCCT
GGGCGAGAGGGTGACTCTGAATTGCAAGTCCAGCCAGTCCCTGCTCTATAGC
GGAAATCAGAAGAAGTATCTCGCCTGGTATCAGCAGAAACCAGGGCAGAGC
CCTAAACTGCTGATTTACTGGGCATCCGCTAGGGAATCCGGCGTGCCTGATCG
CTTCAGCGGCAGCGGATCTGGGACAGACTTCACTCTGACAATCAGCAGCGTG
CAGGCAGAAGACGTGGCAGTCTATTATTGTCAGCAGTATTATAGCTATCCCT
CACATTCGGCGCTGGCACCAAGCTGGAAGTAAACGTACGGTGGCTGCACCA
TCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAAGTGCCTC
TGTTGTGTGCCTGCTGAATAACTTCTATCCAGAGAGGCCAAAGTACAGTGG
AAGGTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTACAGAGC
AGGACAGCAAGGACAGCACCTACAGCCTCAGCAGCACCTGACGCTGAGCA
AAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAAGTACCCCATCAGG
GCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGTTGA

Fig. 5B



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MCLEAN, VIRGINIA

Amino Acid Sequence of C5E10 Heavy Chain

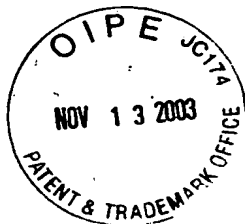
MAVLALLFCLVTFPSCILSQVQLKESGPGLVAPSQSLSTCTVSGFSLTDYGVNWV
RQPPGKGLEWLGMWDNGRTDYN SALKSRLSINKDNSKSQVFLKMTSLQTDDTA
RYYCARCYYGSSPYFDYWGGQTTLTVSSASTKGPSVFPLAPSSKSTSGGTAALGC
LVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRT
PEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVL
HQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQ
GNVFSCSVMHEALHNHYTQKSLSLSPGK

Fig. 6A

Amino Acid Sequence of C5E10 Domain Deleted Heavy Chain

MAVLALLFCLVTFPSCILSQVQLKESGPGLVAPSQSLSTCTVSGFSLTDYGVNWV
RQPPGKGLEWLGMWDNGRTDYN SALKSRLSINKDNSKSQVFLKMTSLQTDDTA
RYYCARCYYGSSPYFDYWGGQTTLTVSSASTKGPSVFPLAPSSKSTSGGTAALGC
LVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDELTKNQVSL
TCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQ
GNVFSCSVMHEALHNHYTQKSLSLSPGK

Fig. 6B



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USE
PILLSBURY WINTHROP LLP
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Nucleotide Sequence of C5E10 Heavy Chain

ATGGCTGTCTTAGCGCTACTCTTCTGCCTGGTAACATTCCCAAGCTGTATCCTTTCCC
AGGTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCA
TCACATGCACCGTCTCAGGGTTCTCATTAACCGACTATGGTGTAAACTGGGTTTCGCCA
GCCTCCAGGAAAGGGTCTGGAGTGGCTTGAATGATATGGGATAATGGAAGAACAG
ACTATAATTAGCTCTCAAATCCAGACTGAGCATCAACAAGGACAACCTCCAAGAGCC
AAGTTTTCTTAAAAATGACCAGTCTGCAAACCTGATGACACAGCCAGGTACTACTGTG
CCAGATGCTATTACGGTAGTAGCCCTTACTTTGACTACTGGGGCCAAGGCACCACTC
TCACCGTCTCCTCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCCTCCTC
CAAGAGCACCTCTGGGGGACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCC
CGAACCGGTGACGGTGTCTGTGGAACCTCAGGCGCCCTGACCAGCGGCGTGCACACCTT
CCCGGCTGTCCTACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCC
TCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAAC
ACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACCTCACACATGCCC
ACCGTGCCAGCACCTGAACCTCTGGGGGACCGTCAGTCTTCTCTTCCCCCCTTCC
ACCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGGTGGTGGG
CGTGAGCCACGAAGACCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGG
TGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTG
GTCAGCGTCTCACCCTGTCACCAAGGACTGGCTGAATGGCAAGGAGTACAAGTGC
AAGGTCTCCAACAAAGCCCTCCAGCCCCCATCGAGAAAACCATCTCCAAGGCCAAA
GGGCAGCCCCGAGAACCACAGGTGTACACCTGCCCCCATCCCGGGATGAGCTGACC
AAGAACCAGGTACGCTGACCTGCCTGGTCAAAGGCTTCTATCCAGCGACATCGCC
GTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCAGCCTCCCGT
GCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGGACAAGAGCAG
GTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCA
CTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig. 7A

Nucleotide Sequence of C5E10 Domain Deleted Heavy Chain

ATGGCTGTCTTAGCGCTACTCTTCTGCCTGGTAACATTCCCAAGCTGTATCCTTTCCC
AGGTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCA
TCACATGCACCGTCTCAGGGTTCTCATTAACCGACTATGGTGTAAACTGGGTTTCGCCA
GCCTCCAGGAAAGGGTCTGGAGTGGCTTGAATGATATGGGATAATGGAAGAACAG
ACTATAATTAGCTCTCAAATCCAGACTGAGCATCAACAAGGACAACCTCCAAGAGCC
AAGTTTTCTTAAAAATGACCAGTCTGCAAACCTGATGACACAGCCAGGTACTACTGTG
CCAGATGCTATTACGGTAGTAGCCCTTACTTTGACTACTGGGGCCAAGGCACCACTC
TCACCGTCTCCTCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCCTCCTC
CAAGAGCACCTCTGGGGGACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCC
CGAACCGGTGACGGTGTCTGTGGAACCTCAGGCGCCCTGACCAGCGGCGTGCACACCTT
CCCGGCTGTCCTACAGTCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCC
TCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAAC
ACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACCTCACACATGCCC
ACCGTGCCAGGGCAGCCCCGAGAACCACAGGTGTACACCTGCCCCCATCCCGGGA
TGAGCTGACCAAGAACCAGGTACGCTGACCTGCCTGGTCAAAGGCTTCTATCCAG
CGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCA
CGCCTCCCGTGTCTGGACTCCGACGGCTCCTTCTTCTCTACAGCAAGCTCACCGTGG
CAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCT
GCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig. 7B



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Nucleotide Sequence of C5E10 Light Chain

ATGGGCATCAAGATGGAGTCACATTCTCTGGTCTTTGTATACATGTTGCTGTG
GTTGTCTGGTGTGGAAGGAGACATTGTGATGATCCAGTCTCACAAATTCATGT
CCACATCAGTAGGAGACAGGGTCAGCATCACCTGCAAGGCCAGTCAGGATGT
GGGTACTGCTGTCGCCTGGTATCAACAGAAACCAGGACAATCTCCTAAACTA
CTGATTTACTGGTCATCCACCCGGCACACTGGAGTCCCTGATCGCTTCACAGG
CAGTGGATCTGGGACAGATTTCACTCTCACCATTAGCAATGTGCAGTCTGAA
GACTTGGCAGATTATTTCTGTGAGTTATATAGCAGCTATCCTCTCACGTTCCG
AGGGGGGACCAAGCTGGAAATCAAACGTACGGTGGCTGCACCATCTGTCTTC
ATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAAGTGCCTCTGTTGTGTG
CCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAAGGTGGAT
AACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGCAGGACAGC
AAGGACAGCACCTACAGCCTCAGCAGCACCTGACGCTGAGCAAAGCAGAC
TACGAGAAACACAAAGTCTACGCCTGCGAAGTCACCCATCAGGGCCTGAGCT
CGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGTTGA

Fig. 8A

Amino Acid Sequence of C5E10 Light Chain

MGIKMESHSLVFVYMLLWLSGVEGDIVMIQSHKFMSTSVGDRV SITCKASQDVG
TAVAWYQQKPGQSPKLLIYWSSTRHTGVPDRFTGSGSGTDFTLTISNVQSEDLAD
YFCQLYSSYPLTFGGGTGLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYP
REAKVQWKVDNALQSGNSQESVTEQDSKDSSTYSLSSTLTLSKADYEKHKVYAC
EVTHQGLSSPVTKSFNRGEC

Fig. 8B



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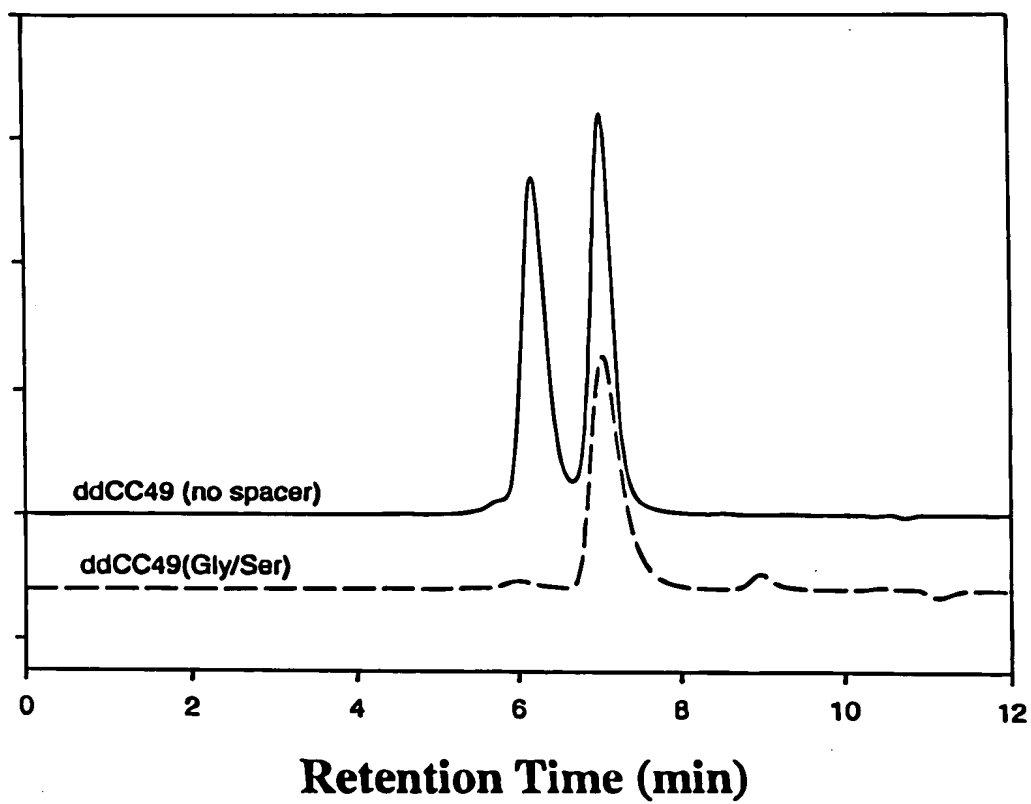


Fig. 9



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- Legend:
- | | | |
|------------------------------|---|--------|
| A: Run #: 1 | } | ddCC49 |
| B: Run #: 2 | | |
| C: Run #: 3 | | |
| D: Purified ddCC49 (240 kDa) | | |
| E: Purified ddCC49 (120 kDa) | | |
| F: ddCC49(Gly/Ser) | | |

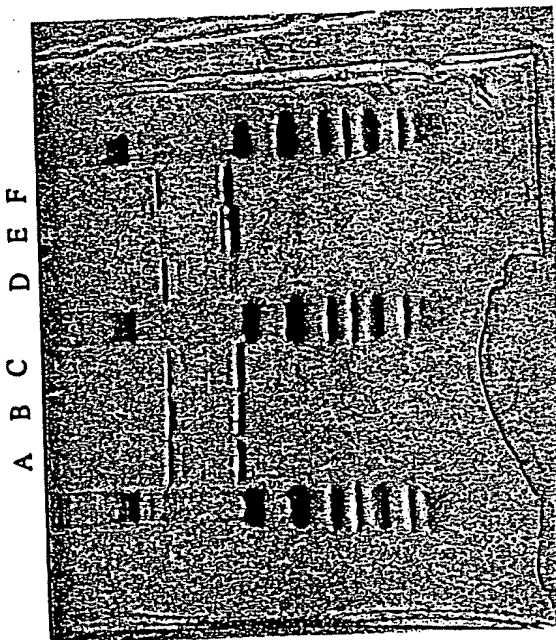


Fig. 10



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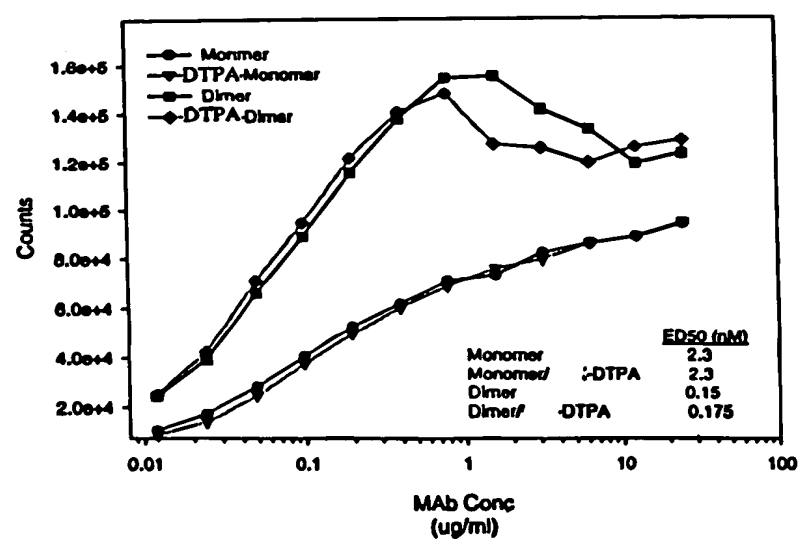


Fig. 11A

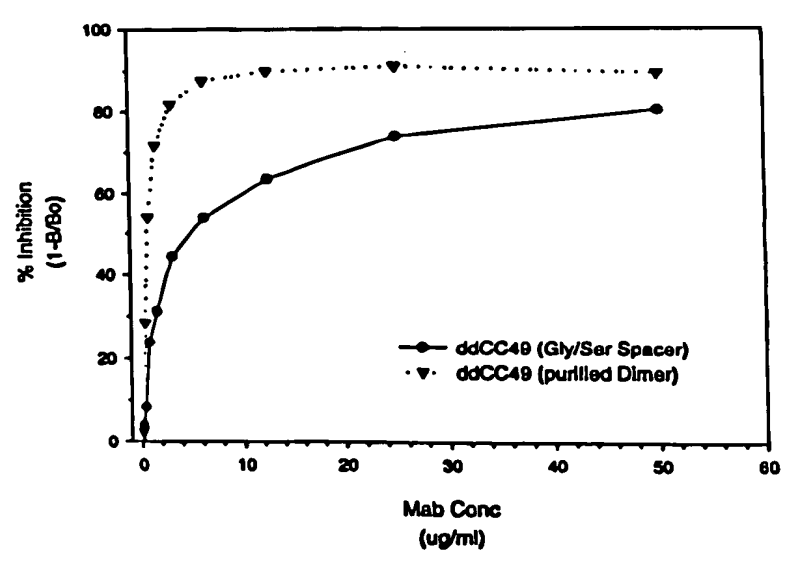


Fig. 11B



Biodistribution of ^{111}In -ddCC49 (Gly/Ser) Spacer

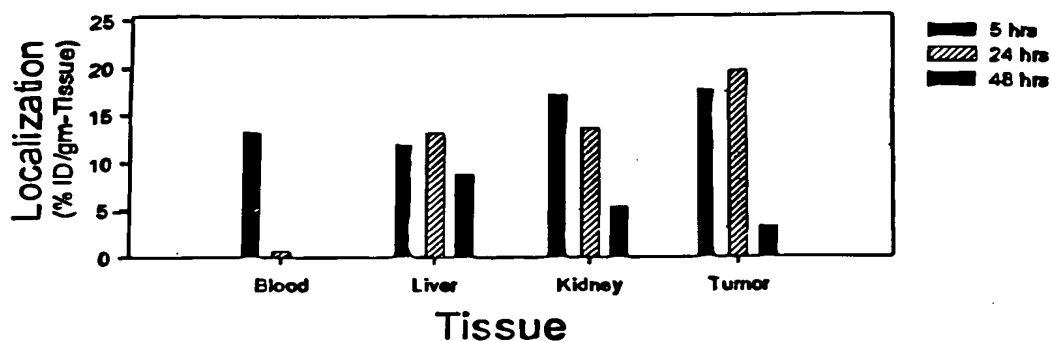


Fig. 12A

Biodistribution of ^{111}In -ddCC49, 120 kD Fraction

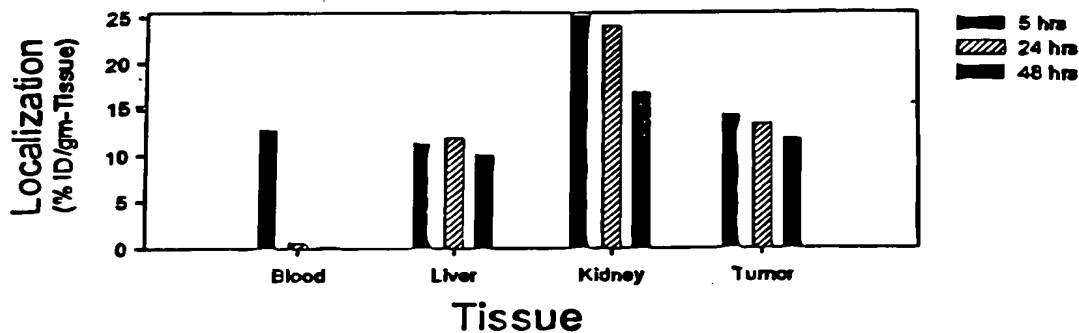


Fig. 12B

Biodistribution of ^{111}In -ddCC49, 240 kD Fraction

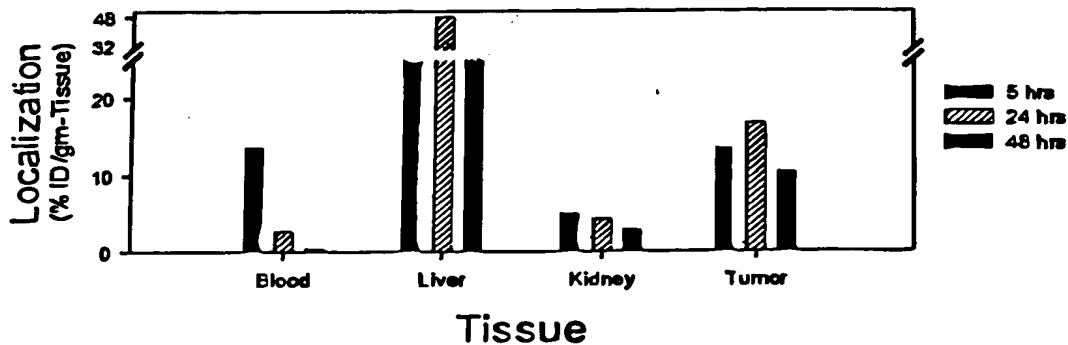


Fig. 12C



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MCLEAN, VIRGINIA

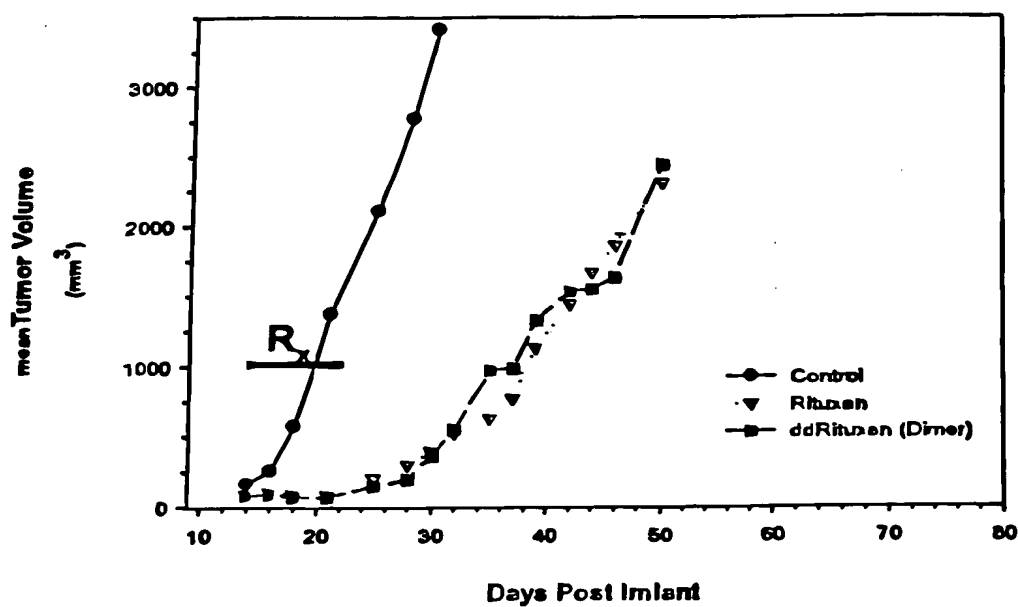


Fig. 13